

Ruchit Karnawat

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Skills

BACKEND: C, C++, Python, Java, PHP, MySQL, Node.js

FRONTEND: HTML, CSS, Bootstrap, Javascript, ReactJS

DATA STRUCTURES AND ALGORITHMS

MACHINE LEARNING

FAMILIAR WITH: IoT, OOPS, DBMS, VS Code, Jupyter Notebook, phpMyAdmin, MS Excel

Education

DEGREE/GRADE	INSTITUTION	SCORE
B. Tech CSE (2016-2020)	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, SONEPAT	7.08/10 CGPA
Senior Secondary (2016)	B. R. BIRLA PUBLIC SCHOOL, JODHPUR	92.2% (CBSE)
Secondary (2014)	B. R. BIRLA PUBLIC SCHOOL, JODHPUR	10/10 CGPA

Experience

AARMON TECH.

TEACHING ASSISTANT INTERN

May 2019 – July 2019

- Taught Data Structures in C, C++.
- Topics: Array, String, Linked List, Stack, Queue, Tree, Heap and Graph.

AARMON TECH.

TRAINEE

May 2018 – July 2018

- Completed training on MACHINE LEARNING STANDARD MODULE and scored 'A' grade.
- Sentiment Analysis using data from Twitter API, Handwritten Digit Recognition using Sklearn.
- Assistant Teacher in a 7 day Summer Training Program on Python for teachers of JIET college.

Projects

[Online food delivery system](#) | HTML, CSS, JavaScript, Bootstrap, PHP, MySQL

A **CRUD** website - food delivery system using HTML, CSS, JavaScript, Bootstrap, PHP and MySQL with Cart Functionality, Password Encryption, Cookies, and Preference: Veg/Non-veg on sign up.

[Movies web app](#) | HTML, CSS, JavaScript, Bootstrap, React, Nodejs, Express

An MVC web application that gathers movies' data from API 'OMDB' in JSON format using jQuery, uses mustache.js to display data. Designed using HTML, CSS, JavaScript, Bootstrap and Node.js - EJS, Express.js, Bcrypt and Passport.js

[Waste Segregation](#) | Python, Keras, OpenCV, Raspberrypi 2B

Classifying waste into biodegradable and nonbiodegradable using object recognition, prediction and classification using Keras, Sklearn and OpenCv on Raspberrypi 2 Model - B with 91% accuracy.

[Fastag Extention](#) | Python

Developed an application using Python which extends the concept of the current system of FasTag used for automated toll collection to include 2 new features: Police Challan collection and Petrol Pump Payments using 'requests' package to connect to fast2sms API for sending OTP and Update information through SMS.